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## ABSTRACT

## ACTIVATED SLUDGE TREATMENT

- 5 A fully mixed reactor 1 for activated sludge treatment of sewage as a mixed liquor which reactor 1 includes at least one aerator 6 operative intermittently to raise the dissolved oxygen level of the liquor and a control system 7 which is arranged to operate the aerator 6 to provide an operative phase including a predetermined aerobic time period after a first
- 10 dissolved oxygen target level is reached, and an inoperative phase including a predetermined anoxic time period after a second, lower, dissolved oxygen target level is reached, is provided.
- 15 To be accompanied, when published, by Figure 1 of the drawings.